

Title (en)  
Vehicle road wheels and tyres.

Title (de)  
Fahrzeugräder und -reifen.

Title (fr)  
Roues de véhicule et pneumatiques.

Publication  
**EP 0034454 A1 19810826 (EN)**

Application  
**EP 81300528 A 19810210**

Priority  
• GB 8004732 A 19800213  
• GB 8004733 A 19800213

Abstract (en)  
A vehicle road wheel (1) has a safety groove (4) adjacent its outboard rim edge (2B) but so as to be within a tyre (3) fitted to the wheel and within which a flexible band (5) is fitted so that a tyre (3) fitted to the wheel has its outboard bead (6) embraced between the flexible band (5) and the outboard rim edge (2B) of the wheel. This enables the configuration of the wheel rim to be simplified and hence the risk of damaging a tyre when fitting it is minimised. The safety groove (4) can be in a tyre sealing member of annular form (7, Figure 3) that is held in position around the wheel by inboard and outboard rim parts (8A, 8B) that are releasably secured together, this sealing member (7) defining the outboard rim edge of the wheel. Where the sealing member (7) is present, inboard and outboard non-rigid torque transfer bands (11) respectively may be fitted to the inboard and outboard rim parts (8A, 8B) and for engagement with the sealing member (7).

IPC 1-7  
**B60B 21/12**; **B60C 15/02**; **B60B 25/22**

IPC 8 full level  
**B60B 21/12** (2006.01); **B60B 25/22** (2006.01); **B60C 5/16** (2006.01); **B60C 15/02** (2006.01)

CPC (source: EP)  
**B60B 21/12** (2013.01); **B60B 25/22** (2013.01); **B60C 5/16** (2013.01); **B60C 15/0226** (2013.01)

Citation (search report)  
DE 2414885 A1 19751127 - PRUSS GUENTHER MANFRED

Cited by  
EP0633150A1; FR2707213A1; US11135872B2; TWI709496B

Designated contracting state (EPC)  
DE FR IT

DOCDB simple family (publication)  
**EP 0034454 A1 19810826**

DOCDB simple family (application)  
**EP 81300528 A 19810210**